

Appendix A. Test Data

Duty Cycle						
Band	Frequency (MHz)	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
BLE 1M	2402	2.192	2.504	87.540	0.578	0.456

Maximum Conducted Output Power Measurement

Test Mode	Frequency (MHz)	Average Power		Power Limit	Peak Gain	EIRP Power		EIRP Power Limit	RF Power setting in Test Software	Test Software Version
		dBm	W	dBm	dBd	dBm	W	W		
BLE 1M	2402	18.61	0.0726	30.00	2.40	21.01	0.1262	4.00	200.00	ADB CMD
BLE 1M	2440	18.32	0.0679	30.00	2.40	20.72	0.1180	4.00	200.00	
BLE 1M	2480	17.97	0.0627	30.00	2.40	20.37	0.1089	4.00	200.00	

Note: The relevant measured result has the offset with cable loss already.

6 dB Bandwidth and 99 % Occupied Bandwidth

Test mode	Frequency	99 % Occupied Bandwidth	6 dB Bandwidth	6 dB Limit
	(MHz)	(MHz)	(kHz)	(kHz)
BLE 1M	2402	1.031	645.8000	≥ 500
BLE 1M	2440	1.034	644.8000	≥ 500
BLE 1M	2480	1.036	644.3000	≥ 500

Maximum Power Density Measurement

Test mode	Frequency	Reading	Limit
	(MHz)	(dBm/3 kHz)	(dBm/3 kHz)
BLE 1M	2402	4.150	≤ 8
BLE 1M	2440	3.740	≤ 8
BLE 1M	2480	3.660	≤ 8